GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:4823
ANSWERED ON:30.03.2017
Overall Development of Renewable Energy Sources
Bharathi Mohan Shri R.K.

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the Government has taken new initiatives and initiated new policies for the overall development and proper harnessing of renewable energy sources in the country from both on land and sea;
(b) if so, the details thereof and the quantum of power generated through the renewable energy sources during each of the last three years and the current year, State-wise;
(c) whether the Government has chalked out any new innovative strategy and scientific methods for harnessing of renewable energy in the country; and
(d) if so, the details thereof, State-wise?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a) & (b): The new initiatives and policies undertaken by Government for the overall development and proper harnessing of renewable energy sources in the country include:
? incentives in the forms of generation based incentives/subsidies, fiscal incentives such as accelerated depreciation, concessional customs duty, excise duty exemptions, income tax holiday for 10 years and viability gap funding from NCEF.
? amendments in the Tariff Policy for strong enforcement of Renewable Purchase Obligation (RPO) and for providing Renewable Generation Obligation (RGO);
? setting up of exclusive solar parks;
? development of power transmission network through Green Energy Corridor project;
? repowering policy in order to optimally utilize of the wind energy resources.
? identification of large government complexes/ buildings for rooftop solar projects;
? raising tax free solar bonds;
? making roof top solar a part of housing loan by banks/NHB;
? incorporating measures in Integrated Power Development Scheme (IPDS) for encouraging distribution companies and making net-metering compulsory
? raising funds from bilateral and international donors as also from the Green Climate Fund to achieve the target.
? creation of Surya Mitras for installation and maintenance of the Solar Projects.
? Scheduling and forecasting in case of inter-state transmission of solar and wind power
? National Offshore Wind Energy Policy notified for the development of offshore wind energy in the Indian Exclusive Economic Zone (EEZ).
The State-wise quantum of power generated through various renewable energy sources during each of the last three years and the current year is given in Annexure-I.
(c) & (d): Yes, Madam. The MNRE has been supporting Research and Development (R&D) in various R&D/academic institutions, NGOs, industries, etc. in the field of solar, wind, biogas, biofuel, Hydrogen, Fuel Cells, etc. for technology development and demonstration leading to commercialization. A comprehensive policy and guidelines for research, development and demonstration (RD&D) for new and renewable energy sector is in place. It has a provision for financial assistance of up to 50% of the project cost for the projects that involve partnership with industry / civil society. Proposals from academic institutions, Government/non-profit research organizations and NGOs, the MNRE provide upto 100% funding. MNRE sanctioned 112 R&D Projects to various R&D/Academic institutions, industries, etc. in renewable energy sector during the 12th Plan Period in the country. These projects were sanctioned to IITs, Engineering Colleges, Universities, CSIR labs, industries etc. in different states of the country.
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